# Nedis alkaline battery

Bileog Sonraí Sábháilteachta

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Dáta eisiúna: 25.10.2023 Leagan: 1.0

## CUID 1: Sainaithint na substainte / an mheascáin agus na cuideachta / an ghnóthais

### 1.1. Sainaitheantóir táirge

| | | |
|---|---|---|
| Foirm an táirge | : | Article |
| Product name | : | Nedis alkaline battery |
| Cód an táirge | : | DTCTCO30WT,WIFIDS10WT,ZBHTR10WT,LTRH05WBK,SPSB400BK,WLPSRL100BK,WLPSRL101BK,ALRMP40WT,ALRMPD10WT2,DTCTHL20WT,DTCTCO20WT |
| Type of product | : | Transport information: Alkaline battery is exempt from dangerous goods, it is considered non-dangerous goods by the International Civil Aviation Organization(ICAO), the International Air Transport Association (IATA)DGR 62nd,IATA Special Provisions A123, International Maritime Dangerous Goods Regulations(IMDG)(39-18),<br><br>Special Provision A123: “Examples of such batteries are: alkali-manganese, zinc-carbon and nickel-cadmium batteries. Any electrical battery ... having the potential of a dangerous evolution of heat must be prepared for transport as to prevent (a) a short[1]circuit (e.g. ... by the effective insulation of exposed terminals...); and (b) accidental activation. The words ‘Not Restricted’ and the Special Provision number must be included in the description of the substance on the Air Waybill as required by 8.2.6, when an Air Waybill is issued. |
| Product group | : | LR6 LR03 L1028F |

### 1.2. Úsáidí ábhartha sainaitheanta na substainte nó an mheascáin agus úsáidí atá dímholta

#### 1.2.1. Úsáidí sainaitheanta ábhartha

Níl aon fhaisnéis bhreise ar fáil

#### 1.2.2. Úsáidí dímholta

Níl aon fhaisnéis bhreise ar fáil

### 1.3. Sonraí um sholáthraí na bileoige sonraí sábháilteachta

Nedis B.V.
De Tweeling 28
5215MC 's Hertogenbosch – The Netherlands
T +31 735991055
www.nedis.com

### 1.4. Uimhir ghutháin éigeandála

Níl aon fhaisnéis bhreise ar fáil

## CUID 2: Aithint guaiseacha

### 2.1. Aicmiú na substainte nó an mheascáin

#### Aicme de réir Rialachán (CE) Uimh. 1272/2008 [CLP]

Not classified

#### Éifeachtaí díobhálacha fisiciceimiceacha, um shláinte an duine agus um an comhshaol

Danger symbols/labeling in case of damaged and or ruptured battery.

### 2.2. Eilimintí lipéid

#### Lipéadú de réir Rialachán (CE) Uimh. 1272/2008 [CLP]

Contains : manganese dioxide

### 2.3. Guaiseacha eile

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

## CUID 3: Comhdhéanamh / faisnéis faoi chomhábhair

### 3.1. Substaint

Ní bhaineann le hábhar

### 3.2. Meascán

| Ainm | Sainaitheantóir táirge | | Aicme de réir Rialachán (CE) Uimh. 1272/2008 [CLP] |
|---|---|---|---|
| manganese dioxide | Uimh. CAS: 1313-13-9<br>Uimh. CE: 215-202-6<br>Uimh. innéacs CE: 025-001-00-3 | 20 – 40 | Acute Tox. 4 (Ionanál), H332<br>Acute Tox. 4 (Bhéil), H302 |

Full text of H- and EUH-statements: see section 16

## CUID 4: Bearta garchabhrach

### 4.1. Cur síos ar na bearta garchabhrach

Bearta garchabhrach tar éis ionanálaithe : Tabhair an duine amach faoin aer úr agus coinnigh é i riocht ina bhféadfadh sé anáil a tharraingt go réidh.

Bearta garchabhrach tar éis teagmhála leis an gcraiceann : Wash skin with plenty of water.

Bearta garchabhrach tar éis teagmhála leis an tsúil : Rinse eyes with water as a precaution.

Bearta garchabhrach tar éis iontógála : Sruthlaítear an béal. Call a poison center or a doctor if you feel unwell.

### 4.2. Na siomptóim agus na héifeachtaí is tábhachtaí, idir shiomptóim ghéarmhíochaine agus shiomptóim mhoillithe

Níl aon fhaisnéis bhreise ar fáil

### 4.3. Léiriú ar aon chóir leighis láithreach agus aon chóir speisialta atá ag teastáil

Treat symptomatically.

## CUID 5: Bearta comhrac dóiteáin

### 5.1. Meáin múchta

Meáin oiriúnacha um múchadh : Dry powder. Foam. Water spray.

### 5.2. Guaiseacha speisialta a eascraíonn as an tsubstaint nó as an meascán

Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Comhairle do chomhraiceoirí dóiteáin

Cosaint i rith comhrac dóiteáin : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## CUID 6: Bearta i gcás scaoileadh de thaisme

### 6.1. Réamhchúraimí pearsanta, trealamh cosanta agus nósanna imeachta éigeandála

#### 6.1.1. Do phearsanra neamh-éigeandála

Níl aon fhaisnéis bhreise ar fáil

#### 6.1.2. D'fhreagróirí éigeandála

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Réamhchúraimí comhshaoil

Avoid release to the environment.

### 6.3. Modhanna agus ábhar maidir le coimeád agus glanadh suas

| | | |
|---|---|---|
| Modhanna um ghlanadh | : | Mechanically recover the product. |
| Faisnéis eile | : | Dispose of materials or solid residues at an authorized site. |

### 6.4. Tagairt do chodanna eile

For further information refer to section 13.

## CUID 7: Láimhseáil agus stóráil

### 7.1. Réamhchúraimí maidir le láimhseáil shábháilte

| | | |
|---|---|---|
| Réamhchúraimí maidir le láimhseáil shábháilte | : | Ensure good ventilation of the work station. |
| Bearta sláinteachais | : | Ná hith, ná hól agus ná caitear tobac agus an táirge seo á úsáid. Always wash hands after handling the product. |

### 7.2. Coinníollacha stórála sábháilte, lena n-áirítear aon neamhluí

| | | |
|---|---|---|
| Coinníollacha stórála | : | Stóráil in áit dhea-aeráilte. Coimeád fionnuar é. |
| Storage temperature | : | < 70 °C |

### 7.3. Úsáid shonrach deiridh nó úsáid sonracha deiridh

Níl aon fhaisnéis bhreise ar fáil

## CUID 8: Rialuithe nochta / cosaint phearsanta

### 8.1. Paraiméadair rialaithe

#### 8.1.1 National occupational exposure and biological limit values

Níl aon fhaisnéis bhreise ar fáil

#### 8.1.2. Recommended monitoring procedures

Níl aon fhaisnéis bhreise ar fáil

#### 8.1.3. Air contaminants formed

Níl aon fhaisnéis bhreise ar fáil

#### 8.1.4. DNEL and PNEC

Níl aon fhaisnéis bhreise ar fáil

#### 8.1.5. Control banding

Níl aon fhaisnéis bhreise ar fáil

### 8.2. Rialuithe nochta

#### 8.2.1. Rialuithe iomchuí innealtóireachta

**Rialuithe iomchuí innealtóireachta:**
Ensure good ventilation of the work station.

#### 8.2.2. Personal protection equipment

#### 8.2.2.1. Eye and face protection

Níl aon fhaisnéis bhreise ar fáil

#### 8.2.2.2. Skin protection

Níl aon fhaisnéis bhreise ar fáil

#### 8.2.2.3. Cosaint riospráide

Níl aon fhaisnéis bhreise ar fáil

#### 8.2.2.4. Thermal hazards

Níl aon fhaisnéis bhreise ar fáil

### 8.2.3. Rialuithe um nochtadh comhshaoil

**Rialuithe um nochtadh comhshaoil:**
Ná scaoiltear amach sa chomhshaol.

## CUID 9: Airíonna fisiceacha agus ceimiceacha

### 9.1. Faisnéis bunaithe ar bhunairíonna fisiceacha agus ceimiceacha

| | | |
|---|---|---|
| Staid fhisiceach | : | Solid |
| Dath | : | Not available |
| Boladh | : | Not available |
| Tairseach bolaidh | : | Not available |
| Leáphointe | : | Not available |
| Reophointe | : | Ní bhaineann le hábhar |
| Fiuchphointe | : | Not available |
| Inadhainteacht | : | Not available |
| Lower explosion limit | : | Ní bhaineann le hábhar |
| Upper explosion limit | : | Ní bhaineann le hábhar |
| Splancphointe | : | Ní bhaineann le hábhar |
| Teocht uath-adhainte | : | Ní bhaineann le hábhar |
| Teocht dianscaoilte | : | Not available |
| pH | : | Not available |
| pH solution | : | Not available |
| Slaodacht, cinéimiteach | : | Ní bhaineann le hábhar |
| Intuaslagthacht | : | Not available |
| Partition coefficient n-octanol/water (Log Kow) | : | Not available |
| Galbhrú | : | Not available |
| Vapour pressure at 50°C | : | Not available |
| Dlús | : | Not available |
| Dlús coibhneasta | : | Not available |
| Galdlús coibhneasta ag 20°C | : | Ní bhaineann le hábhar |
| Particle size | : | Not available |

### 9.2. Faisnéis eile

#### 9.2.1. Information with regard to physical hazard classes

Níl aon fhaisnéis bhreise ar fáil

#### 9.2.2. Other safety characteristics

Níl aon fhaisnéis bhreise ar fáil

## CUID 10: Cobhsaíocht agus imoibríocht

### 10.1. Imoibríocht

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Cobhsaíocht cheimiceach

Stable under normal conditions of use.

### 10.3. D'fhéadfadh a bheith ina chúis le fhrithghníomhartha guaiseacha

No dangerous reactions known under normal conditions of use.

### 10.4. Coinníollacha lena seachaint

None under recommended storage and handling conditions (see section 7).

### 10.5. Ábhair neamh-chomhoiriúnacha

Níl aon fhaisnéis bhreise ar fáil

### 10.6. Táirgí dianscaoilte guaiseacha

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## CUID 11: Faisnéis thocsaineolaíoch

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

| | | |
|---|---|---|
| Acute toxicity (oral) | : | Not classified |
| Acute toxicity (dermal) | : | Not classified |
| Acute toxicity (inhalation) | : | Not classified |
| Creimeadh/greannú craicinn | : | Not classified |
| Damáiste/greannú tromchúiseach súl | : | Not classified |
| Íogrú riospráide nó craicinn | : | Not classified |
| Só-ghineacht ghaiméite | : | Not classified |
| Carcanaigineacht | : | Not classified |
| Tocsaineacht atáirgthe | : | Not classified |
| Tocsaineacht sain-spriocorgáin (aon nochtadh amháin) | : | Not classified |
| Tocsaineacht sain-spriocorgáin (ilnochtadh) | : | Not classified |
| Guais asúite | : | Not classified |

| Nedis alkaline battery | |
|---|---|
| Slaodacht, cinéimiteach | Ní bhaineann le hábhar |

### 11.2. Information on other hazards

Níl aon fhaisnéis bhreise ar fáil

## CUID 12: Faisnéis éiceolaíochta

### 12.1. Tocsaineacht

| | | |
|---|---|---|
| Éiceolaíocht - ginearálta | : | The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
| Guaiseach don chomhshaol uisceach, ghearrthéarmach (géarghuais) | : | Not classified |
| Guaiseach don chomhshaol uisceach, fadtéarmach (guais ainsealach) | : | Not classified |

Not rapidly degradable

### 12.2. Inchoimeádachas agus díghrádaitheacht

Níl aon fhaisnéis bhreise ar fáil

### 12.3. Acmhainneacht bhithbhailitheach

Níl aon fhaisnéis bhreise ar fáil

### 12.4. Soghluaisteacht san ithir

Níl aon fhaisnéis bhreise ar fáil

### 12.5. Torthaí an mheasúnaithe PBT agus vPvB

Níl aon fhaisnéis bhreise ar fáil

### 12.6. Endocrine disrupting properties

Níl aon fhaisnéis bhreise ar fáil

### 12.7. Éifeachtaí díobhálacha eile

Níl aon fhaisnéis bhreise ar fáil

## CUID 13: Breithnithe diúscartha

### 13.1. Modhanna cóireála dramhaíola

Modhanna cóireála dramhaíola : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## CUID 14: Faisnéis Iompair

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR | IMDG | IATA | ADN | RID |
|---|---|---|---|---|
| **14.1. UN number or ID number** | | | | |
| Neamhrialaithe | | | | |
| **14.2. Ainm seolta ceart UN** | | | | |
| Ní bhaineann le hábhar | Ní bhaineann le hábhar | Ní bhaineann le hábhar | Ní bhaineann le hábhar | Ní bhaineann le hábhar |
| **14.3. Aicme nó aicmí guaise iompair** | | | | |
| Ní bhaineann le hábhar | Ní bhaineann le hábhar | Ní bhaineann le hábhar | Ní bhaineann le hábhar | Ní bhaineann le hábhar |
| **14.4. Grúpa pacála** | | | | |
| Ní bhaineann le hábhar | Ní bhaineann le hábhar | Ní bhaineann le hábhar | Ní bhaineann le hábhar | Ní bhaineann le hábhar |
| **14.5. Guaiseacha comhshaoil** | | | | |
| Contúirteach don chomhshaol: No | Contúirteach don chomhshaol: No<br>Truailleán mara: No | Contúirteach don chomhshaol: No | Contúirteach don chomhshaol: No | Contúirteach don chomhshaol: No |

### 14.6. Réamhchúraimí speisialta don úsáideoir

**Iompar ar talamh**
Níl sonraí ar fáil.

**Iompar ar muir**
Níl sonraí ar fáil.

**Aeriompar**
Níl sonraí ar fáil.

**Iompar ar uiscebhealaí intíre**
Níl sonraí ar fáil.

**Iompar iarnróid**
Níl sonraí ar fáil.

### 14.7. Maritime transport in bulk according to IMO instruments

Ní bhaineann le hábhar

## CUID 15: Faisnéis rialála

### 15.1. Rialacháin/reachtaíocht sábháilteacht, sláinte agus chomhshaoil a bhaineann go sonrach leis an tsubstaint nó an meascán

#### 15.1.1. Rialacháin de chuid an AE

**REACH Annex XVII (Restriction List)**

Ní bhaineann le hábhar

**REACH Annex XIV (Authorisation List)**

Ní bhaineann le hábhar

**REACH Candidate List (SVHC)**

Contains no substance(s) listed on the REACH Candidate List

**PIC Regulation (Prior Informed Consent)**

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

**POP Regulation (Persistent Organic Pollutants)**

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

**Ozone Regulation (1005/2009)**

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

**Explosives Precursors Regulation (2019/1148)**

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

**Drug Precursors Regulation (273/2004)**

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### 15.1.2. Rialacháin náisiúnta

**An Fhrainc**

| Occupational diseases | |
|---|---|
| Code | Description |
| RG 39 | Occupational diseases caused by manganese dioxide |

**An Ghearmáin**

Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG). Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG).

Water hazard class (WGK) : Classification according to AwSV, Annex 1.

Storage class (LGK, TRGS 510) : LGK 13 - Non-combustible solids.

Joint storage table :

| | | | | |
|---|---|---|---|---|
| LGK 1 | LGK 2A | LGK 2B | LGK 3 | LGK 4.1A |
| LGK 4.1B | LGK 4.2 | LGK 4.3 | LGK 5.1A | LGK 5.1B |
| LGK 5.1C | LGK 5.2 | LGK 6.1A | LGK 6.1B | LGK 6.1C |
| LGK 6.1D | LGK 6.2 | LGK 7 | LGK 8A | LGK 8B |
| LGK 10 | LGK 11 | LGK 12 | LGK 13 | LGK 10-13 |

Joint storage not permitted for : LGK 1, LGK 6.2, LGK 7.

Joint storage with restrictions permitted for : LGK 4.1A, LGK 5.1C.

Joint storage permitted for : LGK 2A, LGK 2B, LGK 3, LGK 4.1B, LGK 4.2, LGK 4.3, LGK 5.1A, LGK 5.1B, LGK 5.2, LGK 6.1A, LGK 6.1B, LGK 6.1C, LGK 6.1D, LGK 8A, LGK 8B, LGK 10, LGK 11, LGK 12, LGK 13, LGK 10-13.

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

**An Ísiltír**

ABM category : A(4) - low hazard for aquatic organisms, may have longterm hazardous effects in aquatic environment

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

| | | |
|---|---|---|
| SZW-lijst van mutagene stoffen | : | None of the components are listed |
| SZW-lijst van reprotoxische stoffen – Borstvoeding | : | None of the components are listed |
| SZW-lijst van reprotoxische stoffen – Vruchtbaarheid | : | None of the components are listed |
| SZW-lijst van reprotoxische stoffen – Ontwikkeling | : | None of the components are listed |

**An Eilvéis**

| | | |
|---|---|---|
| Storage class (LK) | : | NG - Non-hazardous |

### 15.2. Measúnú sábháilteachta ceimicí

No chemical safety assessment has been carried out

## CUID 16: Faisnéis eile

| Abbreviations and acronyms: | |
|---|---|
| ADN | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| ATE | Acute Toxicity Estimate |
| BCF | Bioconcentration factor |
| BLV | Biological limit value |
| BOD | Biochemical oxygen demand (BOD) |
| COD | Chemical oxygen demand (COD) |
| DMEL | Derived Minimal Effect level |
| DNEL | Derived-No Effect Level |
| Uimh. CE | European Community number |
| EC50 | Median effective concentration |
| EN | European Standard |
| IARC | International Agency for Research on Cancer |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods |
| LC50 | Median lethal concentration |
| LD50 | Median lethal dose |
| LOAEL | Lowest Observed Adverse Effect Level |
| NOAEC | No-Observed Adverse Effect Concentration |
| NOAEL | No-Observed Adverse Effect Level |
| NOEC | No-Observed Effect Concentration |
| OECD | Organisation for Economic Co-operation and Development |
| OEL | Occupational Exposure Limit |
| PBT | Persistent Bioaccumulative Toxic |
| PNEC | Predicted No-Effect Concentration |
| RID | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS | Bileog Sonraí Sábháilteachta |
| STP | Sewage treatment plant |
| ThOD | Theoretical oxygen demand (ThOD) |

| Abbreviations and acronyms: | |
|---|---|
| TLM | Median Tolerance Limit |
| VOC | Volatile Organic Compounds |
| Uimh. CAS | Chemical Abstract Service number |
| N.O.S. | Not Otherwise Specified |
| vPvB | Very Persistent and Very Bioaccumulative |
| ED | Endocrine disrupting properties |

| Full text of H- and EUH-statements: | |
|---|---|
| Acute Tox. 4 (Bhéil) | Géarthocsaineacht (bhéil), Catagóir 4 |
| Acute Tox. 4 (Ionanál) | Géarthocsaineacht (ionanál), Catagóir 4 |
| H302 | Díobhálach má shlogtar. |
| H332 | Díobhálach má ionanálaítear. |

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU